

## Claims

1. Use of mixtures containing
  - A) alkoxy silyl-functional polyethers with linear or branched main chains with an average molecular weight (Mn) of 800 to 20,000, containing 20 to 95 percent of polyether groups and 0.2 to 25 percent of  $\text{SiR}^1\text{R}^2\text{R}^3$  alkoxy silyl groups, in which  $\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$ , independently of one another, are hydrogen, alkyl or alkoxy, and 0 to 10 percent of urethane groups or 0 to 10 percent of urea groups, and
  - B) a mixture, containing water and organic and/or inorganic acids in a ratio by weight of 1 : 0.01 to 1 : 40, as impression or doubling composition in the dental area.
2. The use of mixtures of claim 1, wherein component A) has a branched main chain.
3. The use of mixtures of claims 1 or 2, wherein component A) is free of urethane groups.
4. The use of mixtures of one of the claims 1 to 3, wherein component A) has an average molecular weight (Mn) of 1500 to 15000.
5. The use of mixtures of one of the claims 1 to 4, wherein component A contains 2 to 15%  $-\text{SiR}^1\text{R}^2\text{R}^3$  alkoxy silyl groups.
6. The use of mixtures of one of the claims 1 to 5, wherein components A) and B) are offered in tubes, tubular bags or double cartridges.